

ABSTRACT

A surface coating composition for providing a self-assembling monolayer, in stable form, on a material surface or at a suitable interface, as well as a method of preparing such a composition and a method of using such a composition to coat a surface, such as the surface of an implantable medical device, in order to provide the surface with desirable properties. The method provides the covalent attachment of a SAM to a surface in a manner that substantially retains or improves the characteristics and/or performance of both the SAM and the surface itself. Covalent attachment is accomplished by the use of one or more latent reactive groups, e.g., provided by either the surface and/or by the SAM-forming molecules themselves.

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